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United States Patent [19]

Sheridon

[11] **Patent Number:** 5,383,008[45] **Date of Patent:** Jan. 17, 1995[54] **LIQUID INK ELECTROSTATIC IMAGE DEVELOPMENT SYSTEM**

- [75] Inventor: **Nicholas K. Sheridan**, Los Altos, Calif.
- [73] Assignee: **Xerox Corporation**, Stamford, Conn.
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- [52] U.S. Cl. **355/256; 430/117; 430/126; 355/271**
- [58] Field of Search **355/256, 271-274; 430/126, 117, 67**

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Primary Examiner—R. L. Moses

Attorney, Agent, or Firm—Oliff & Berridge

[57] **ABSTRACT**

A method and apparatus form a toned image on a copy sheet using a transfer layer. An imaging member is charged and a latent electrostatic image is formed on it. Subsequently, a highly viscous or non-Newtonian liquid transfer layer is applied over the latent electrostatic image. The latent electrostatic image is then developed to form a toned image, which is subsequently transferred to the copy sheet.

28 Claims, 2 Drawing Sheets